	T- 1: 000	<u> </u>
0	For receiving Office use only	•
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode]
	repende coming	Version 3.50 (Build 0002.175)
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	National Institute of Industrial Property (France) (RO/FR)
0-7	Applicant's or agent's file reference	BR77626/DC1
I	Title of Invention	VITREOUS COMPOSITIONS OF THE VITROCERAMIC TYPE, TRANSPARENT TO INFRARED
II .	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
11-5	Address	3 rue Michel Ange 75794 PARIS
		France
II-6	State of nationality	FR
11-7	State of residence	FR
II-11	Applicant's registration No. with the Office	0428834.6

III- 1	Applicant and/or inventor		
III-1-1	This person is	applicant only	
III-1-2	Applicant for	all designated States except US	
III-1-4	Name	UNIVERSITE RENNES 1	
III-1-5	Address	2 rue du Thabor	
		35065 RENNES	
		France	
III-1-6	State of nationality	FR	
III-1-7	State of residence	FR	
III-1-11	Applicant's registration No. with the Office	0682243.1	
III-2	Applicant and/or inventor		
III-2-1	This person is	applicant and inventor	
III-2-2	Applicant for	US only	
III-2-4	Name (LAST, First)	ZHANG, Xianghua	
III-2-5	Address	34 rue des Grandes Mottes	
	İ	35510 CESSON-SEVIGNE	
		France	
111-2-6	State of nationality	FR	
III-2-7	State of residence	FR	
III-3	Applicant and/or inventor		
111-3-1	This person is	applicant and inventor	
III-3-2	Applicant for	US only	
III-3-2 III-3-4	Applicant for Name (LAST, First)	US only LUCAS, Jacques	
III-3-4	Name (LAST, First)	LUCAS, Jacques 34 rue du Parc 35830 BETTON	
III-3-4 III-3-5	Name (LAST, First) Address	LUCAS, Jacques 34 rue du Parc	
III-3-4 III-3-5	Name (LAST, First) Address State of nationality	LUCAS, Jacques 34 rue du Parc 35830 BETTON	
III-3-4 III-3-5	Name (LAST, First) Address	LUCAS, Jacques 34 rue du Parc 35830 BETTON France	
III-3-4 III-3-5 III-3-6 III-3-7	Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor	LUCAS, Jacques 34 rue du Parc 35830 BETTON France FR	
III-3-4 III-3-5 III-3-6 III-3-7 III-4 III-4-1	Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is	LUCAS, Jacques 34 rue du Parc 35830 BETTON France FR	
III-3-4 III-3-5 III-3-6 III-3-7 III-4 III-4-1 III-4-2	Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor	LUCAS, Jacques 34 rue du Parc 35830 BETTON France FR FR	
III-3-4 III-3-5 III-3-6 III-3-7 III-4 III-4-1	Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is	LUCAS, Jacques 34 rue du Parc 35830 BETTON France FR FR applicant and inventor	
III-3-4 III-3-5 III-3-6 III-3-7 III-4 III-4-1 III-4-2	Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for	LUCAS, Jacques 34 rue du Parc 35830 BETTON France FR FR applicant and inventor US only	
III-3-4 III-3-5 III-3-6 III-3-7 III-4 III-4-1 III-4-2 III-4-4	Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is Applicant for Name (LAST, First)	LUCAS, Jacques 34 rue du Parc 35830 BETTON France FR FR applicant and inventor US only MA, Hongli	
III-3-4 III-3-5 III-3-6 III-3-7 III-4 III-4-1 III-4-2 III-4-4 III-4-5	Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	LUCAS, Jacques 34 rue du Parc 35830 BETTON France FR FR applicant and inventor US only MA, Hongli 34 rue des Grandes Mottes	
III-3-4 III-3-5 III-3-6 III-3-7 III-4 III-4-1 III-4-2 III-4-4 III-4-5	Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is Applicant for Name (LAST, First) Address State of nationality	LUCAS, Jacques 34 rue du Parc 35830 BETTON France FR FR applicant and inventor US only MA, Hongli 34 rue des Grandes Mottes 35510 CESSON-SEVIGNE	
III-3-4 III-3-5 III-3-7 III-4-1 III-4-2 III-4-4 III-4-5	Name (LAST, First) Address State of nationality State of residence Applicant and/or inventor This person is Applicant for Name (LAST, First) Address	LUCAS, Jacques 34 rue du Parc 35830 BETTON France FR FR applicant and inventor US only MA, Hongli 34 rue des Grandes Mottes 35510 CESSON-SEVIGNE France	

III-5	Applicant and/or inventor			
111-5-1	This person is	applicant and inventor		
111-5-2	Applicant for	US only		
III-5-4	Name (LAST, First)	ADAM, Jean-Luc		
III-5-5	Address	9 Allee Maturin Hardy de la Largere 35700 RENNES France		
111-5-6	State of nationality	FR		
111-5-7	State of residence	FR		
iV-1	Agent or common representative; or address for correspondence			
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent		
IV-1-1	Name (LAST, First)	LE COUPANEC, Pascale		
IV-1-2	Address	NONY & ASSOCIES 3 rue de Penthievre 75008 PARIS France		
IV-1-3	Telephone No.	01 43 12 84 60		
IV-1-4	Facsimile No.	01 43 12 84 70		
IV-1-5	e-mail `	nony@nony.fr		
$\overline{\mathbf{v}}$	DESIGNATIONS			
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.			
VI-1	Priority claim of earlier national application			
VI-1-1	Filing date	07 July 2003 (07.07.2003)		
VI-1-2	Number	03 08298		
VI-1-3	Country	FR		
VI-2	Priority document request			
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1		
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)		

VII-2	Request to use results of earlier search; reference to that search	,	
VII-2-1	Date	18 March 2004 (18.03	.2004)
VII-2-2	Number	FA 636330	·
VII-2-3	Country (or regional Office)	EP	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	• •
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	
IX-2	Description	9	_
IX-3	Claims	4	_
IX-4	Abstract	1	√
IX-5	Drawings	0	· -
IX-7	TOTAL	21	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	<i>→</i>	-
IX-17	PCT-SAFE physical media	<u> </u>	
IX-19	Figure of the drawings which should accompany the abstract		<u> </u>
IX-20	Language of filing of the international application	French	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity	<u> </u>	•

Paper Copy (NOT for submission)

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	•
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	
	FOR INTE	ERNATIONAL BUREAU USE ONLY
11-1	Date of receipt of the record copy by the International Bureau	